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1 MKISVKTLLKGSTFQIEVDSAQKVADVVKRIIETTQGGHIYPAEQQMLIHQG 50
  | | : . | | | | | . | : | | | | | | | | | | | | | | | | : | | | | : | |
1 MKLNVKTLLKGTNFEIEASPDASVADVVKRIIETTQGGSTYRADQQMLIYQG 50
  . . . . .
51 KVLKDDTTLDENKVLENSFLVIMLRQKGKSSS..SAPATSKAPSNQAPPT 98
  | : | | | : | | | : | | | | | | | | | . | | | | | | | . | | | . | |
51 KILKDETTLESNGVAENSFLVIMLSKAKASSSGASTATTAKAPATLAQPA 100
  . . . . .
99 QTV.PAAPA....SQAPVAPATTVPVTVSAPTPTATASPAPAVAVSSEAD 143
  | | | | . | | | | | | | | | | . | . | | | | . : | |
101 APVAPAASVARTPTQAPVATAETAP.....PSVQPQAAPATVAATDDAD 145
  . . . . .
144 NYGQATSNLVAGSNLEATIQSILEMGGGIWDRDIVLHALSAAFNNPERAV 193
  | | | | | | . | | | | | | | : | | | | | : | | | . | | | | : | | | | :
146 VYSQAASNLVFGNNLEQTIQQILDMGGGTWERDTVVRALRAAYNNPERAI 195
  . . . . .
194 EYLYSGVPEQMDI.PV..PPPSIQPANPTQASQA....TQPAAPSILSSG 236
  : | | | | : | | . : | | | . | | | | | | | | | | | | | | | | | |
196 DYLYSGIPENVEAOPVARAPAAGOOTNOOASPAOPAVALPVOPSPASAG 245

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237 PNASPLDLFPQALPNASTD.....AAGLGNLDALRNNAQFRTLLSLVQAN 281
 |||.||.|||||.|. .. || | ||||| ||. || |||||
 246 PNANPLNLFPQGVPSGGSNPGVVPGAGSGALDALRQLPQFQALLQLVQAN 295
 282 PQILOPLLQELGKQNPQILQLIQENQAEFLHLINEPAEGDDEENLLDQFP 331
 |||||:|||||||.|.||||||| |:|| || |:|| |
 296 PQILOPMLQELGKQNPQILRLIQENQAEFLRLVNESPEGGPGGNILGQLA 345
 332 EAMPQTIAVTPEEDEAILRLEPMGFDRALVLDVFFACNKDEQLAANYLLD 381
 |.|||: ||||| ||| ||| |||. | |||:|||||||:| |||||
 346 AAVPQTLTVTPEEREAIQRLEGMGFNRELVLEVFFACNKDEELTANYLLD 395
 382 HMNEFADEGPP 392
 | .|| |:
 396 HGHEFDDQQQ. 405